



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/445,710	03/13/2000	HANNU JUHANI LEINO	32107	1287

116 7590 04/09/2003

PEARNE & GORDON LLP
526 SUPERIOR AVENUE EAST
SUITE 1200
CLEVELAND, OH 44114-1484

EXAMINER

ALVO, MARC S

ART UNIT	PAPER NUMBER
----------	--------------

1731

DATE MAILED: 04/09/2003

Please find below and/or attached an Office communication concerning this application or proceeding.



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office

Address: ASSISTANT COMMISSIONER FOR PATENTS

Washington, D.C. 20231

APPLICATION NO./ CONTROL NO.	FILING DATE	FIRST NAMED INVENTOR / PATENT IN REEXAMINATION	ATTORNEY DOCKET NO. <i>W-G</i>
---------------------------------	-------------	---	--------------------------------

EXAMINER

ART UNIT	PAPER
----------	-------

20

DATE MAILED:

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

The reply filed on 1-2-2003 and 1-27-2003 are not fully responsive because it fails to include a complete or accurate record of the substance of the 8-27-2002 telephonic interview. Applicant is required to include the substance of the interview, see page 2 of Paper No. 17 (interview Summary mailed 8-27-02). Since the above mentioned reply appears to be bona fide, applicant is given a TIME PERIOD of ONE (1) MONTH or THIRTY (30) DAYS from the mailing date of this notice, whichever is longer, within which to supply the omission or correction in order to avoid abandonment. EXTENSIONS OF THIS TIME LIMIT MAY BE GRANTED UNDER 37 CFR 1.136(a).

When filing an "Official" FAX in Group 1730, please indicate in the Header (upper right) "Official" for papers that are to be entered into the file. The "Official" FAX phone numbers for this TC 1700 are:

Non-Final Fax: (703) 872-9310 After-Final FAX: (703) 872-9311.

When filing an "Unofficial" FAX in Group 1730, please indicate in the Header (upper right) "Unofficial" for Draft Documents and other Communications with the PTO that are not for entry into the file of the application. This will expedite processing of your papers. The "Unofficial" FAX phone number for this Art Unit (1731) is (703) 305-7115.

Any inquiry concerning this communication or earlier communications from the primary examiner should be directed to Steve Alvo whose telephone number is (703) 308-2048. The Examiner can normally be reached on Monday - Friday from 6:00 AM - 2:30 PM (EST).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mr. Steve Griffin, can be reached on 703-308-1164.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is 703-308-0661.

The Customer Services Center for Technology Center 1700 (703-306-5665) shall provide the following service assistance to external and internal customers in the areas listed below.

Services provided:

- Patent Application Filing Receipts
- Missing References
- Information regarding When Action can be Expected
- Lost/Misplaced/Requested Application retrieval
- Retrieval from PTO Publication Branch
- Retrieval from non-Publication Branch

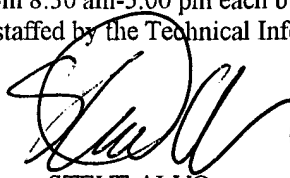
Status Queries (written or oral)

Paper Matching Queries

Certificates of Correction.

Printer Waiting

The Customer Service Office, TC 1700, is located in CP3-8-D13, and is open to receive requests for service in person, by phone (703) 306-5665, or E-mail "Customer Service 1700" from 8:30 am-5:00 pm each business day. The Customer Services Center is part of the Special Programs Office of TC 1700 and will be staffed by the Technical Information Specialists who will serve as Customer Service Representatives (CSR).



STEVE ALVO
PRIMARY EXAMINER
ART UNIT 1731

MSA
4/7/03